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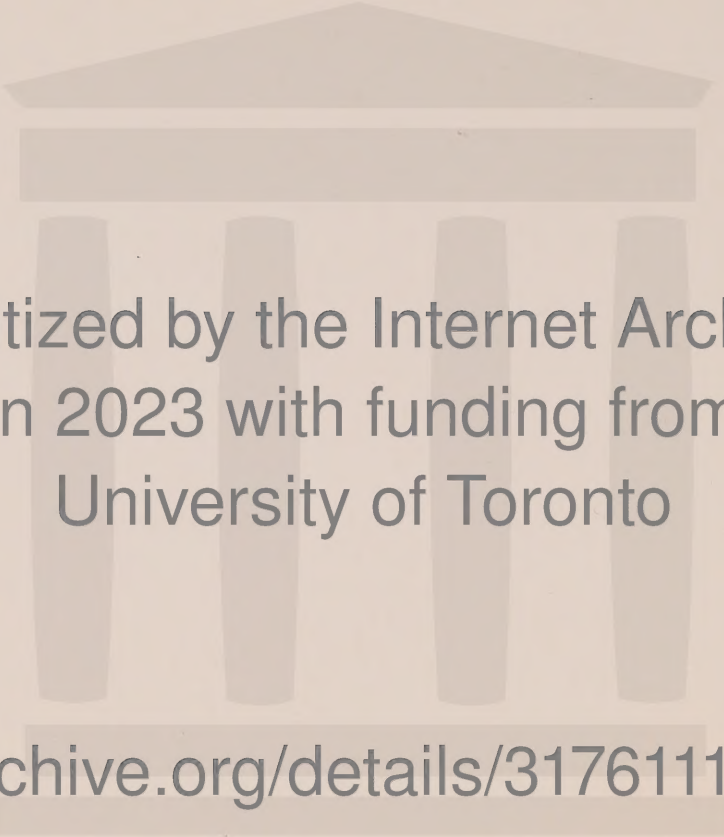
The Canadian Coast Guard Officer Cadet Training Plan

DEPARTMENT OF TRANSPORT • CANADA



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The Canadian Coast Guard College

The Canadian Coast Guard College was opened on September 8, 1965, for the training of selected young men to become either navigation officers or engineer officers in the Canadian Coast Guard. The training course places special emphasis on the development of character and leadership qualities.

In addition to having modern classrooms and workshops, the facilities at the college include double room accommodation for cadets, a modern cafeteria and dining hall, comfortable lounges for relaxation study and reading, a library and a hobby shop. There are a well-equipped gymnasium and other recreation facilities to provide for the physical well-being of the cadets and, in summer, sailing is enjoyed in the broad waters of Sydney harbour.

The college has a modern language laboratory designed and staffed to give a thorough knowledge of French to English speaking students and a thorough knowledge of English to French speaking students. This language training would permit the graduate to assume a position of responsibility in vessels staffed by either French or English speaking crews.



"The Canadian Coast Guard Story"

This booklet contains a history of the Coast Guard and describes the wide variety of functions for which this important Canadian service is responsible. It will be forwarded in reply to each inquiry for information on the Officer Cadet Training Plan.

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Top left, cadets learn French or English in the language laboratory. Bottom left, future Coast Guard deck officers with the navigation instructor.

Nature of Course:

Four-Year Course

The complete course at the college is designed to provide the special academic and scientific knowledge which, in addition to actual sea experience, is a prerequisite to obtaining certificates of competency as second mate, first mate and master on the navigation side, and second and first class marine engineer on the engineering side. The course will also embrace the many more specialized skills required by a Coast Guard officer.

Instruction will be given in the practical application of academic and scientific subjects to the work of a marine officer. Language instruction in both English and French will be given in most subjects.

The following main subjects will be covered: mathematics, physics, chemistry, introduction to calculus, English, French, seamanship, navigation, marine engineering, damage control, firefighting special operations performed by Coast Guard vessels; and ship and departmental administration.

Three-Year Course

This course will be essentially

the same as the four-year course except that cadets who are selected will enter the college at the second year level, as they have previously acquired the equivalent of the first year course through having completed at least one year's training at an approved provincial marine school.

Requirements for entry to the Coast Guard College:

To be considered for appointment as a cadet each applicant must:

Four-Year Course

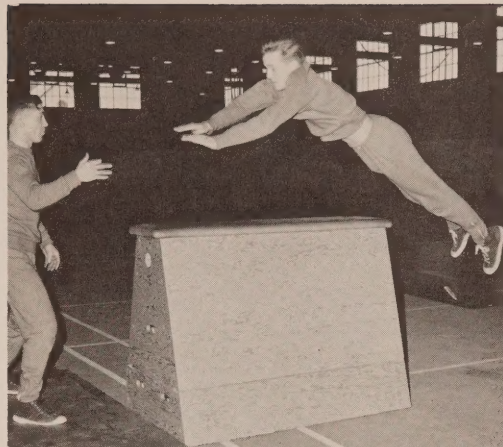
- (a) be a Canadian citizen or have "landed immigrant" status;
- (b) have completed or be completing this year, his junior matriculation or equivalent thus: secondary school Grade 11 in Alberta, western part of Northwest Territories, Saskatchewan, Manitoba, Quebec, (or rhetorique or deuxieme scientifique in Quebec); Nova Scotia, Newfoundland; and Grade 12 in Yukon, British Columbia, eastern part of Northwest Territories, Ontario, New Brunswick, Prince Edward Island.) A strong foundation in mathematics and physics is required.

- (c) have reached his 16th but not his 21st birthday on September 1 of the year of enrollment.
- (d) be prepared to serve as a Coast Guard officer for a period of at least three years following graduation from the Coast Guard College;
- (e) pass the following examinations:
 - (i) a written examination to be held;
 - (ii) an oral examination to be held in May;
 - (iii) a medical examination to determine physical fitness for training and employment in the Coast Guard. This will apply only to those who receive the highest marks in the written and oral examinations. The medical examinations will be taken during the month of June.

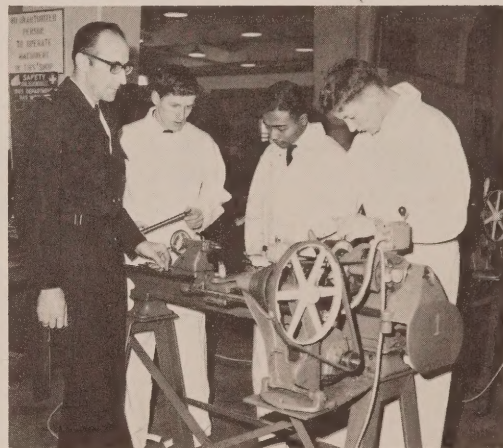
Three Year Course

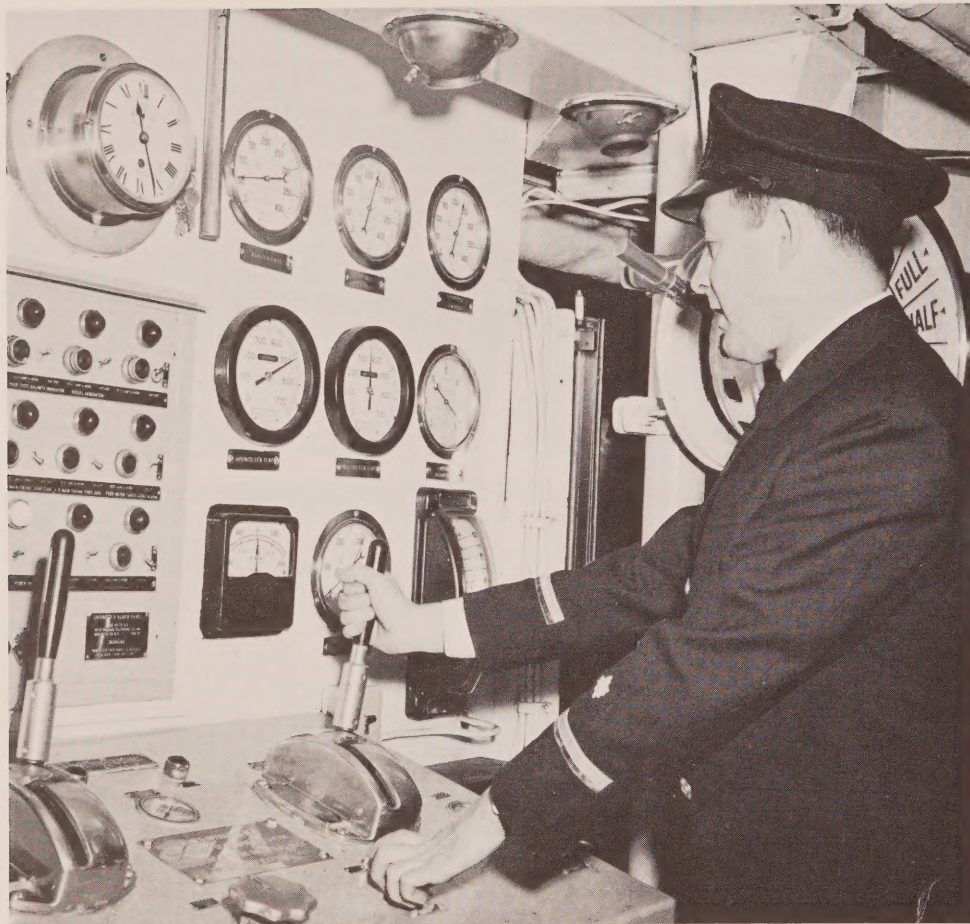
- (a) be a Canadian citizen or have "landed immigrant" status;
- (b) have completed, or be completing this year, his junior matriculation, or equivalent (see (b) under four year course.
- (c) have reached his 16th but not his 22nd birthday on September 1 of the year of enrollment.

- (d) have completed at least one year's training at a provincial marine school.
- (e) be prepared to serve as a Coast Guard officer for a period of at least three years following graduation from the Coast Guard College;
- (f) pass the Coast Guard written and oral examinations for admission to the second year course at the college. Dates of these examinations will be arranged later;
- (g) pass a medical examination to determine physical fitness for training and employment in the Coast Guard. Date to be arranged.



Top left, the gymnasium program builds strong bodies. Top right, the meals— and the appetites— are excellent. Bottom left, Capt. J.G. Brie, director of the college, discusses the training course with three new cadets. Bottom right, future marine engineers get skilled instruction in the machine shop.





General Information

One month of sea experience will be provided for both navigation and engineer cadets during the first year at the College. In each of the third and fourth years, Cadets taking the navigation course will receive four months of sea experience making a total of nine months of sea training before graduation. Cadets taking the marine engineering course will receive four months of time in shop and heavy repair work in each of the third and fourth years making a total of nine months of shop and repair training before graduation.

Left, at the control panel in the engine room of a Canadian Coast Guard ship.

After accumulating further qualifying sea service cadets will be eligible to write the examinations for the appropriate certificates of competency.

At the termination of the college course the graduate will have raised his education to senior matriculation in five subjects if he desires to write the provincial examinations for credits.

Applicants should have a strong foundation in mathematics and science especially in physics. An aptitude test and examination will be given to ensure that candidates are able to follow the college course of study.

Applicants who wear glasses or suffer from colour vision defects should not consider applying for navigation careers but will be considered for marine engineering careers.

Written and oral examinations will be based on general knowledge and will be held at various centres throughout Canada. Applicants will be required to pay their own expenses, if any, in reporting for either of these examinations.

Only those highest ranking candidates who are most likely to receive an offer of appointment as cadets will be required to undertake a medical examination at their own expense. This examination will be arranged in each instance by the Department of National

Health and Welfare, which will designate a medical examiner at or near the home locality of the candidate. Individual instructions will be issued at a later date to those required to take this medical examination.

The professional training of Navigation Cadets embraces principles and practice of navigation including nautical astronomy, pilotage and electronic aids to navigation; seamanship (maintenance of ships and their equipment; ship routine, cargo stowage, rules of the road at sea, boat work etc.); ship construction and stability; meteorology; marine legal and commercial knowledge; magnetism, electricity and elementary engineering; oceanography; hydrography; personnel and labour relations; first aid and preventive medicine. Nine months of the four year course will be allocated to sea training.

The professional training of Marine Engineering Cadets embraces applied mechanics; thermo-dynamics; strength of materials; electro-technology; ship construction; engineering knowledge; engineering drawing; elementary metallurgy; preventive medicine; seamanship; calculus; economics and labour relations. Training in shop and heavy repair work will be a minimum of nine months during the four year course.

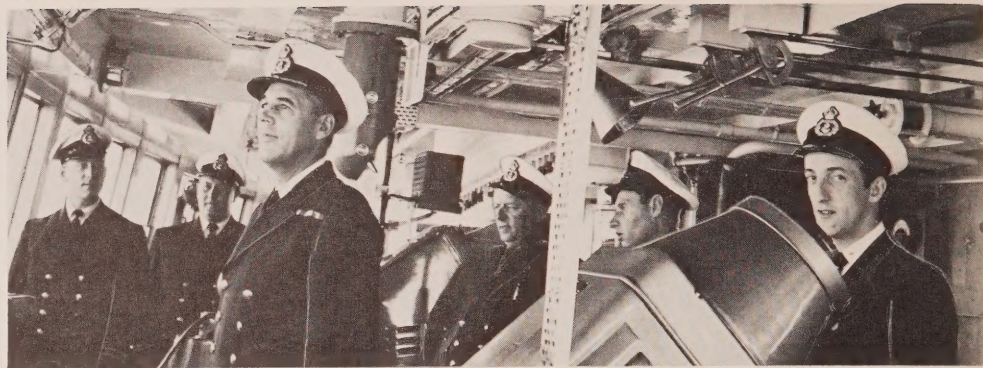
Officer Duties:

Throughout his career the duties of a Coast Guard officer will be many and varied. In addition to developing and perfecting his skills in navigation or engineering he will have the opportunity to develop his leadership abilities so as to enable himself to undertake the responsibilities involved in command of others.

After appointment to the Coast Guard fleet, the young navigation officer at an early stage will be placed in charge of a watch, which means that he will be responsible under the Master for the safe navigation of his ship at sea and for the routine management of day to day activities in port. Over a period of years he will be given the opportunity to gain experience in various areas and types of ship operation. Proficiency in icebreaking, Arctic navigation, landing supplies in isolated areas, scientific support, maintenance of buoys and beacons and in related operations can only be gained by actual experience as an officer superimposed upon the training received as a cadet.

The engineer officer will gain experience, in similar fashion, with different types of machinery and will have the opportunity to become proficient in the operation, maintenance

and running repairs of steam, diesel, turboelectric or diesel electric machinery systems developing thousands of horsepower. He will also be placed, at an early stage in his career, in charge of a watch in the engine room at which time he will assume responsibility for the safe and efficient operation of all machinery therein.



Top, captain and officers on the bridge of a Coast Guard vessel. Bottom left, a Coast Guard ship picks up a buoy, with its four-ton anchor, off Mauger Beach lighthouse, near Halifax. Bottom right, taking an altitude of the sun.

Pay, and Benefits:

Cadets will receive:

- \$75.00 per month while attending college;
- travelling expenses from home to the college on first joining;
- free board and lodging valued at \$35.00 per month for income tax purposes;
- free tuition, text books, and uniform issue;
- return travelling expenses from the college to home once per year by the most economical route, less \$25.00. It is anticipated that this will normally be provided during either the two-week College recess at Christmas or during a similar recess in the summer.
- Weekend leave — i.e. Saturday and Sunday — will be granted periodically at the discretion of the director of the college.

Continuing Benefits:

- Both as cadets and as continuing employees they will be covered by Government Employees Workmen's Compensation.
- Both as cadets and as continuing employees they will be eligible to participate in the Public Service Superannuation Plan, the Group Surgical-Medical Plan of the Public Service of Canada, and the Nova Scotia Provincial Hospital Plan.

Cadets will be required to provide their own underwear, footwear and recreational clothing which must meet

minimum standards prescribed by the Director of the Coast Guard College.

The graduate will serve within the Canadian Coast Guard where posted, initially as a junior officer. Promotion will be on the basis of demonstrated performance, experience, personal suitability, and the Certificates of Competency acquired. Some examples of current pay rates are attached.

Graduates will be eligible for all of the benefits under Ships' Officers Regulations and the Financial Administration Act that apply to Ships' Officers of the Canadian Coast Guard.

CCGS JOHN A. MACDONALD



Other Information:

- (1) Candidates who are successful in securing appointments as cadets will be required to join the Coast Guard College at Sydney, N.S., early in September to commence their training.
- (2) In the event a cadet becomes ill at the College and requires medical attention or hospitalization, the administrative staff of the College will ensure that he gets appropriate care and treatment, and in case of more serious illness will ensure that parents or guardians are notified. However, cadets will be responsible for their own medical, dental and hospital expenses. Excellent facilities of this nature are available in Sydney.
- (3) Arrangements have been made for

cadets to attend religious service of their choice on the campus.

(4) A lifetime career opportunity is available within the Canadian Coast Guard Service from Third Officer to Master, Junior Engineer to Chief Engineer. Administrative and technical positions ashore will be open to persons who have demonstrated the necessary administrative and leadership potential.

(5) Certificates of Competency received following graduation and additional sea experience are valid in all countries of the Commonwealth.

(6) There are no facilities available for married cadets. The intensive four year course excludes the possibility of frequent leave, and marriage should not be contemplated during this training.

Agreement:

Before final appointment each cadet or his parents or guardians will be required to sign an agreement. This agreement will contain commitments on the part of the cadet and his parents or guardians in consideration of the training, salary, and other perquisites being provided by the Department of Transport, for example.

- (a) The cadet will not be withdrawn from the cadet training plan nor will leave the Department without the permission of the Minister of Transport for a period of at least seven years (six years for second year entry) after joining the Coast Guard as a cadet.
- (b) The cadet will adhere to the disciplinary procedures, general routine and regulations of the

Canadian Coast Guard College.

- (c) The cadet will be responsible for his own medical, surgical and optical welfare and associated expenses.
- (d) The cadet will provide himself with underwear, footwear, recreational and other clothing as may be required by and in accordance with the minimum standards of the Canadian Coast Guard.
- (e) The cadet will agree to serve wherever assigned or transferred as a cadet or ships' officer in the Canadian Coast Guard.
- (f) The Minister of Transport may discontinue the employment of the cadet if at anytime the latter, for any reason, fails to meet the standards of the Canadian Coast Guard.



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